

Manhole Inspection Summary

Manhole # S47K__019MH

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Inspection ☐ Is Incomplete Rating: **5) Immediate Attention Required**

Record Plat: **47K** Node: **019** Status: **Found**

Insp Date: **2/10/09 3:03 PM**

Incomplete Comments

Crew: **BENHARRIS**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **2030 ALICEANNA ST**

Cross Street: **S CASTLE ST**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **Sheeting**

Comments **ARRIVED AND FOUND COVER STUCK AND BROKEN INSIDE RID. USED 16LB MAUL TO BREAK AND REMOVE LID. HEAVY ACTIVE FRESHWATER INFILTRATION - SMELLS LIKE HARBOR WATER - THROUGH CORBEL AND BARREL WALLS. HEAVY FLOW IN PIPE PREVENTED GETTING ACCURATE INVERT DEPTHS**

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☒ Sound

☐ Cracked

☐ Leaks

Chimney / Frame Adjustment

☐ Exists Material:

☐ Parged Height: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☐ Joint ☒ **Cracks** ☐ Mortar ☐ Roots ☒ **Wall**

Barrel

Material: **Brick**

☐ Parged

Shape: **Rectangular** Diameter: **48** (in.) Length: **48** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☒ **Cracks** ☐ Mortar ☐ Roots ☒ **Wall**

Bench

☐ Exists Material:

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel

Material: **Unknown**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps

Count: **0** Missing: **7** ☒ **Corroded**

Surcharge

☐ Evidence Of Surcharge

Depth: **0** (ft.) ☐ Active Surcharge Present

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Location View



ALLICEANNA ST

Top View



Miscellaneous



DEBRIS AT 3 OCLOCK IN

SHEETING



EVIDENCE OF INFLOW DUE TO SHEETING FROM CROWN OF ROADWAY

OPENED



USED 16 LB SLEDGE TO BREAK SEAL AND OPEN MANHOLE

NEW LID



REPLACED WITH NEW LID

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BROKEN LID



LID WAS WORN AND BROKEN ON ARRIVAL

Defect 5



DETERIORATED CORBEL WALL

Defect 4



ACTIVE INFILTRATION THROUGH CRACKS IN CORBEL WALL ABOVE 6 OCLOCK IN

Defect 3



BARREL WALL IS CRACKED

Defect 2



ALL STEPS ARE CORRODED AND MISSING. CANNOT GIVE ACCURATE COUNT OF NUMBER EXPECTED

Defect 1



CHIMNEY IS CRACKED AND DETERIORATED WITH A GAP BELOW FRAME

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48 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



NOTE WATER COMING IN THROUGH SEAL

Pipe Height: 0 (in.) Direct

Pipe Material: **Unknown** ☐ Pipe Lined

Invert Depth: **13.00** (ft.) Flow Characteristics: **Turbulent**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 0 (in.) Deposits Extent:

Infiltration: **Evidence**

Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer
Pipe In @ 3 O'Clock

3 O'Clock Inflow



Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **10.71** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: 0 (in.) Deposits Extent:

Infiltration: **Evidence**

Pipe Seal Cond: **Broken**

Drop: **None**

Connects To: **Connecting Node Not Available**

☐ Possible Illicit Connection

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48 in. Circular Gravity Sewer

6 O'Clock Inflow

Pipe In @ 6 O'Clock



Pipe Height: **0** (in.) Direct

Pipe Material: **Unknown** ☐ Pipe Lined

Invert Depth: **12.90** (ft.) Flow Characteristics: **Turbulent**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **Gusher** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection